KEY PLAN

LEGEND :

Roads: Asphalt; Metalled

Drain; Nala; Culvert

Fence; Building; Pipe

Boundary With Points; Compound wall

Power Line; Signal Board; Garbage Area

Ordinary; Coconut Tree; Spot levels; Contour

Bench Mark; DGPS Point; Traverse Point

BENCHMARK CO-ORDINATES

BENCHMARK POINTS	CO–ORDINATES		
	EASTING	NORTHING	RL
RBM1	786974.444	1443668.935	RL:879.010
RBM2	786957.556	1443666.464	RL:879.020
RBM3	787133.298	1443553.550	RL:879.280
RBM4	787121.341	1443556.108	RL:879.100

TRAVERSE POINT CO-ORDINATES

TRAVERSE POINTS	CO–ORDINATES		
	EASTING	NORTHING	RL
TS1	787144.147	1443608.328	RL:879.150
TS2	787110.383	1443619.757	RL:879.120
TS3	787070.416	1443629.357	RL:879.130
TS4	787056.318	1443634.226	RL:879.110
TS5	787016.225	1443653.219	RL:879.170
TS6	786988.148	1443668.064	RL:879.080
TS7	786958.912	1443676.396	RL:879.120
TS8	786988.508	1443693.066	RL:879.030
TS9	787005.382	1443717.181	RL:879.060
TS10	787035.632	1443705.053	RL:879.110

BOUNDARY POINTS LIST

BOUNDARY POINTS	CO–ORDINATES, DISTANCE			
	EASTING	NORTHING	BEARING (Anticlockwise)	DISTANCE
B1	787169.604	1443710.702	176.608	86.896
B2	787164.463	1443623.958	146.206	19.595
B3	787153.564	1443607.674	154.842	34.479
B4	787138.906	1443576.465	157.415	5.111
B5	787136.943	1443571.746	170.089	28.429
B6	787132.050	1443543.741	169.201	51.938
B7	787122.319	1443492.724	177.596	27.032
B8	787121.185	1443465.715	168.679	43.614
B9	787112.623	1443422.949	157.550	32.296
B10	787100.290	1443393.101	153.159	25.064
B11	787088.973	1443370.737	143.289	20.721
B12	787076.587	1443354.126	118.917	28.109
B13	787051.982	1443340.534	89.271	18.336
B14	787033.647	1443340.767	80.580	57.193
B15	786977.225	1443350.128	62.346	74.618
B16	786911.131	1443384.760	55.245	36.267
B17	786881.334	1443405.436	38.299	8.044
B18	786876.349	1443411.748	43.191	55.443
B19	786838.402	1443452.171	340.420	32.403
B20	786849.260	1443482.700	336.471	75.217
B21	786879.288	1443551.663	333.468	74.573
B22	786912.600	1443618.382	326.690	61.760
B23	786946.517	1443669.996	24.186	13.387
B24	786941.032	1443682.207	318.766	7.806
B25	786946.178	1443688.078	316.279	28.459
B26	786965.848	1443708.646	311.602	35.459
B27	786992.363	1443732.189	319.589	50.393
B28	787025.031	1443770.559	248.081	47.908
B29	787069.476	1443752.676	247.256	108.571

AREA STATMENT

Area in side the Boundary

91575.987 Sqmts

22 Acres 25 Guntas

NOTES:

1. All levels are in Meters, Unless Other Wise Mentioned.
2. All Levels Are With Reference To The Gts Bench Mark Engraved On Centre Of 2nd Stones On East Side Of Queen Victoria's Statue In Cubbon Park, Bangalore. Its Value Is 912.266m.
3. All the Co-ordinates are based on UTM WGS-84.

REV.	DATE OF ISSUE	PREPARED BY	CHECKED BY	VALIDATED BY	PM	SUBMISSION PURPOSE

CLIENT

CHIEF ENGINEER (WWM-WEST)
BANGALORE WATER SUPPLY AND SEWERAGE BOARD

CONSULTANT

NJS ENGINEERS INDIA PVT. LTD

PROJECT

EXISTING 40 MLD CAPACITY STP AT RAJA CANAL (PHASE I) WITH EXTENDED AERATION TECHNOLOGY WITH OPERATION AND MAINTENANCE FOR A PERIOD OF FIVE (5) YEARS

TITLE

TOPOGRAPHICAL SURVEY MAP AT RAJACANAL STP

DRAWN BY :		VERIFIED BY :	
DESIGNED BY:		APPROVED BY :	
SCALE:	DRG. NO. NJSEI/BLR/DPR/RAJA/TOPO/01	DATE 17-01-2023	REV. R0